

Sam Gehly

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WORK EXPERIENCE

Fastly

Jul. 2021 – Present

Software Engineer

Remote

- Fastly (fastly.com) powers much of the world's internet by providing content delivery and compute services to startups and Fortune-500 companies alike, including Yelp, Epic Games, The New York Times, Reddit, and Stripe.
- As a software engineer on the Product Enablement team, I work with design and infrastructure teams to deliver new features, fix issues, and improve performance of Fastly's Control Panel for customers to better manage their websites and applications in a timely manner.
 - At Fastly, I do this by working in industry-standard languages and frameworks like Javascript (Typescript, React, Ember), and Ruby.
- As a former software engineer on the Edge Applications team, I worked to architect and implement systems to allow customers to manage custom applications (modules), and to implement features and fix bugs on Fastly's Image Optimization product.
 - At Fastly, this required substantial knowledge of Golang and Rust.
- In addition, as an on-call engineer, I am responsible for responding to incidents that impact our customers' ability to manage their services and use Fastly's Image Optimization product.
 - This involves regularly traversing enterprise production systems and diagnosing issues in the rapidly-changing environment that are production content delivery management applications, and requires a working knowledge of "DevOps" technologies such as Docker, Kubernetes, and Terraform.

Feline

Jan 2017 — Present

Founder

Boston, MA

- Feline (feline.io) is a side-project/passion of mine whose primary goal is to face powerful social media empires head-on, aid those left behind by a rapidly-changing world through consumer web, desktop, and mobile applications, and help creators struggle to innovate due to bloated managerial presence and countless bureaucratic processes in the companies they serve.
- Feline helps users by placing artificial limits on their activity to provide experiences that benefit them in their real lives, as opposed to generic ideology-centric social media alternatives, as well as a business model by which we make money through subscription revenue as opposed to selling user data and eyeballs to advertisers.
- Feline helps creators by providing enterprise-grade project management tools, serverless platforms, and other tools to allow solo developers, or small teams, to reach production-level scalability and security without requiring thousands of dollars in venture capital funding.
- At Feline, these in-development products and services are implemented using Dart (Flutter), Golang, Typescript, and proprietary schematic languages.
- As a founder, I am in charge of strategy, product, design, development, and managing those in charge of policy, marketing, and legal processes.

Cantina Consulting

May 2015 — August 2020

Software Engineer

Boston, MA

- Cantina (cantina.co) provides consulting services for strategy, design, and development. They have worked with clients including Intel, Bose, Blue Cross Blue Shield, Charles Schwab, and more.
- As a software engineer on the Newport Folk Festival project, I was responsible for adding new features and implementing new designs for the mobile application for use at the Newport Folk Festival in Newport RI. This

work was implemented in React Native, Javascript, and Firebase.

- As a software engineer on the NormaTec project, I was responsible for adding new features and implementing designs for the NormaTec mobile application, which allows athletes to recover from injuries using proprietary NormaTech equipment, controllable via Bluetooth (via BLE) using the mobile interface. This was implemented in React Native, Javascript, and the Bluetooth Low Energy protocol.
- As a software engineer on the Jet project, I was responsible for adding new features and implementing designs for a now-defunct social media platform that abided by COPPA rules, and allowed minors to talk to each other with parental oversight in a safe and secure way. This was implemented in Swift, and Elixir.

Nantucket Island Chamber of Commerce

Oct 2019 - Dec 2019

School-Sponsored Researcher & Engineer

Nantucket, MA

- Through a partnership with the Worcester Polytechnic Institute, I and three other students spent time on the island of Nantucket to partner with the town's chamber of commerce in order to deliver a web, iOS, and Android application in seven weeks that aided the town's desires to increase tourist traffic in the off-seasons.
- These applications enabled the chamber of commerce to add events, stores, deals, and more, that anyone on the island could then go and download.
- The process involved rounds of feedback with a number of island residents and business owners, as we tailored the application to their wants and needs.
- These applications were developed using Typescript, React Native (+React-Native-Web), and Firebase.

EDUCATION

Worcester Polytechnic Institute

Sep 2017 — May, 2021

B.S. Computer Science

Worcester, MA

SKILLS

- Javascript, Typescript, React Native, React-Native-Web, Flutter, Dart, Golang, PHP, Rust, Swift, Java, Figma, Sketch, Kubernetes, Terraform, Docker, Okta, Github Actions, CircleCI, Jenkins, Software Architecture, WebAssembly, WebRTC, video streaming solutions, CDN technologies, product strategy, UI/UX.